



October 4, 2015

(b) (6)

Location Code: GKMPD22

(b) (6), (b) (9)

Durango, CO 81301

Re: Surface Water Sampling Results

Dear (b) (6)

Thank you for providing access to your property to collect surface water samples, conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the Colorado Department of Public Health and Environment (CDPHE) and the San Juan Basin Health Department (SJBHD). We are attaching copies of the validated sample results.

The surface water samples from your property were submitted to a private certified laboratory to be analyzed for total and dissolved metals. The analysis included metals that could potentially be present in sediment deposited as a result of the release from the Gold King Mine incident on August 5, 2015. Surface water concentrations from your property are below recreational screening levels, which are shown as RBC (risk based concentrations) on the enclosed results.

EPA has worked closely with the Colorado Department of Public Health and the Environment to evaluate the conditions in the Animas River following the Gold King Mine incident. Surface water and sediment samples results for the river system as a whole are being maintained at pre-event conditions. It is important to keep in mind that metal concentrations in water and sediment may fluctuate. Fluctuations occur because of weather and other events that change water flow rates or volume. They can also occur if sediments are accumulating at a higher than normal rate at a particular site, before being washed away by the next high water event.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702; or to discuss your sample results with an EPA representative, please contact Cynthia Peterson, EPA Community Involvement Coordinator, at (303) 312-6879.

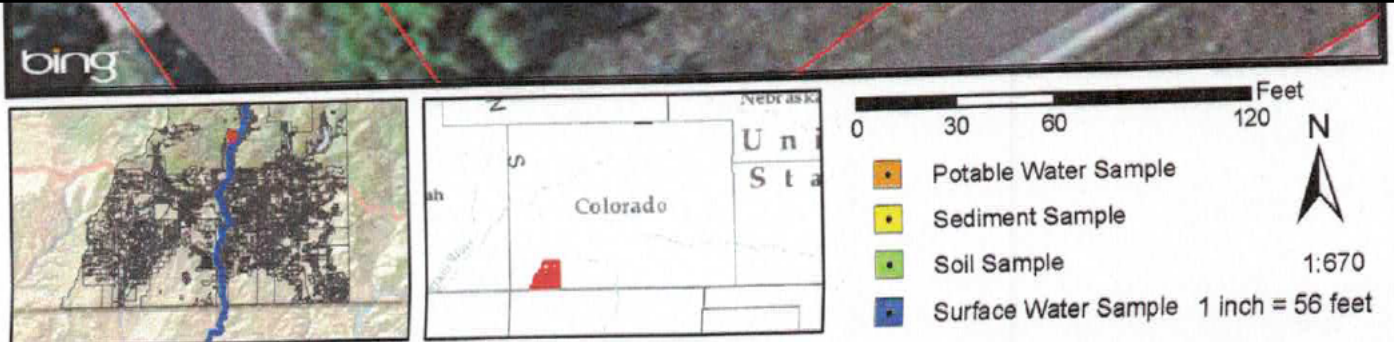
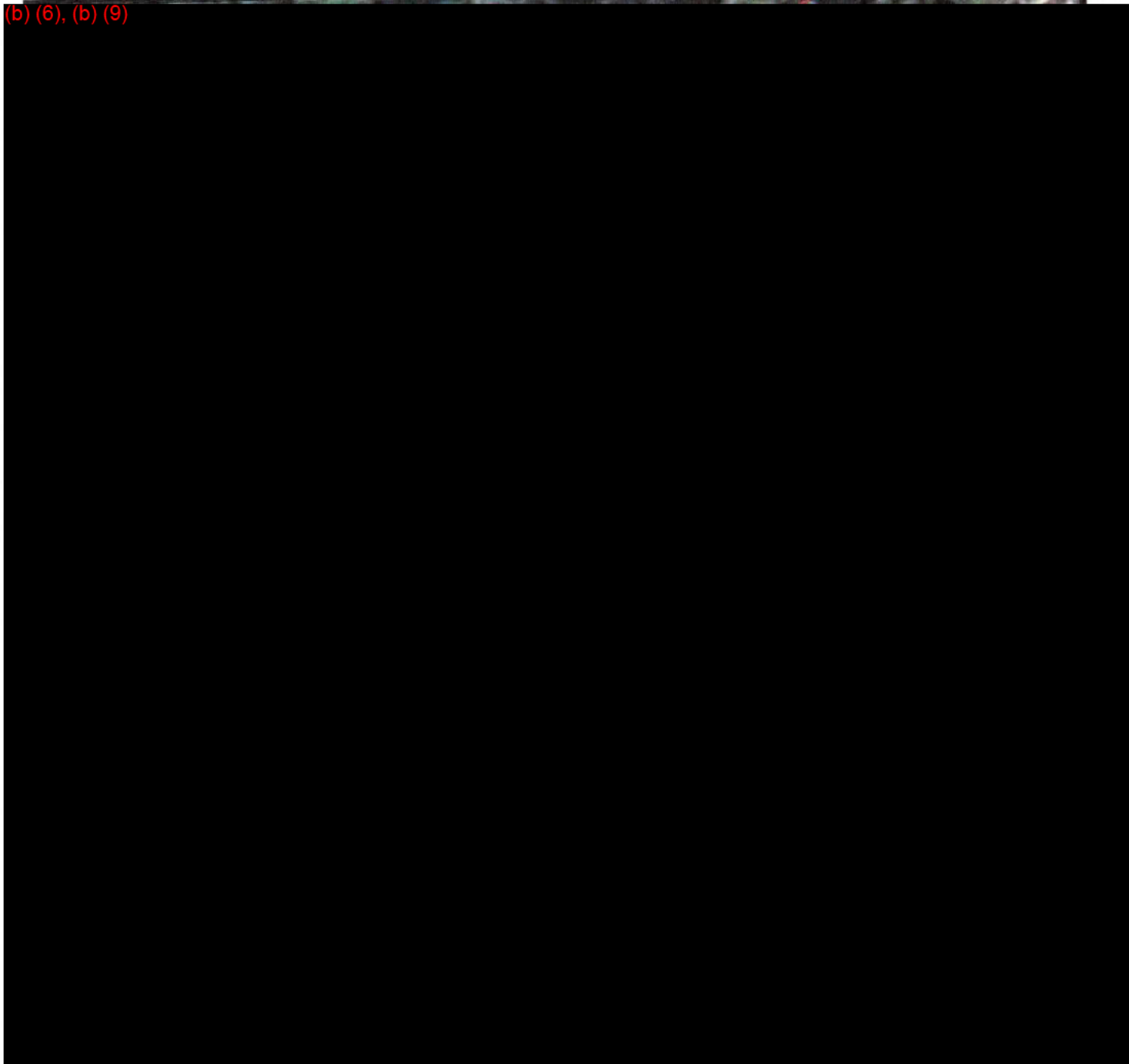
Sincerely,  
US Environmental Protection Agency, Region 8

CC:  
Colorado Department of Public Health and Environment  
San Juan Basin Health Department  
San Juan County Public Health



Property ID: GKMPD22

(b) (6), (b) (9)





Analyte	Station ID				GKM11
	Sample ID				GKMSW11_080915
	Sample Date				8/9/2015
	Sample time				09:40
	Latitude				(b) (6), (b) (9)
	Longitude				
					Sub Location
Metals, Dissolved	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	ug/L		170000	20 UJ
Antimony	7440-36-0	ug/L		67	0.5 UJ
Arsenic	7440-38-2	ug/L		50	0.5 UJ
Barium	7440-39-3	ug/L		33000	38.1 J-
Beryllium	7440-41-7	ug/L		330	2 UJ
Cadmium	7440-43-9	ug/L		83	2.93 J-
Calcium	7440-70-2	ug/L			48900 J-
Chromium	7440-47-3	ug/L		220000	1 UJ
Cobalt	7440-48-4	ug/L		50	4.79 J-
Copper	7440-50-8	ug/L		6700	2.91 J-
Iron	7439-89-6	ug/L		120000	100 UJ
Lead	7439-92-1	ug/L		200	0.1 UJ
Magnesium	7439-95-4	ug/L			5040 J-
Manganese	7439-96-5	ug/L		7800	1620 J-
Molybdenum	7439-98-7	ug/L		830	1 UJ
Nickel	7440-02-0	ug/L		3300	2.97 J-
Potassium	7440-09-7	ug/L			1370 J-
Selenium	7782-49-2	ug/L		830	1 UJ
Silver	7440-22-4	ug/L			0.5 UJ
Sodium	7440-23-5	ug/L			3290 J-
Thallium	7440-28-0	ug/L		2	0.5 UJ
Vanadium	7440-62-2	ug/L		830	2 UJ
Zinc	7440-66-6	ug/L		50000	804 J-

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J- = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKM11 GKMSW11_080915 8/9/2015 09:40 (b) (6), (b) (9)
					Sub Location
Metals, Total	CAS NO	Units			Lab Result
Aluminum	7429-90-5	ug/L			309
Antimony	7440-36-0	ug/L			2.5 U
Arsenic	7440-38-2	ug/L			2.5 U
Barium	7440-39-3	ug/L			35.6 J
Beryllium	7440-41-7	ug/L			2 U
Cadmium	7440-43-9	ug/L			2.92
Calcium	7440-70-2	ug/L			49200
Chromium	7440-47-3	ug/L			5 U
Cobalt	7440-48-4	ug/L			4.72
Copper	7440-50-8	ug/L			7.37
Hardness	NA	mg/L			143 J-
Iron	7439-89-6	ug/L			731
Lead	7439-92-1	ug/L			12.1
Magnesium	7439-95-4	ug/L			5100
Manganese	7439-96-5	ug/L			1660
Mercury	7439-97-6	ug/L			0.05 U
Molybdenum	7439-98-7	ug/L			5 U
Nickel	7440-02-0	ug/L			2.66 J
Potassium	7440-09-7	ug/L			1480
Selenium	7782-49-2	ug/L			5 U
Silver	7440-22-4	ug/L			2.5 U
Sodium	7440-23-5	ug/L			3340
Thallium	7440-28-0	ug/L			2.5 U
Vanadium	7440-62-2	ug/L			10 U
Zinc	7440-66-6	ug/L			803

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8  
1595 WYNKOOP - MC 8RC  
DENVER, CO 80202-1129  
Phone 800-227-8917

## HOW TO FILE A CLAIM

*EPA is committed to taking responsibility for the impacts to communities affected by the Gold King Mine Release.*

To file a claim for monetary compensation, please visit the Region 8 Gold Mine Release Incident website:

<http://www2.epa.gov/goldkingmine>

Complete the fillable PDF version of the Standard Form 95:

[http://www2.epa.gov/sites/production/files/2015-08/documents/standardform95\\_4.pdf](http://www2.epa.gov/sites/production/files/2015-08/documents/standardform95_4.pdf)

Email the signed Standard Form 95 to:

[R8\\_GKM\\_Claims@epa.gov](mailto:R8_GKM_Claims@epa.gov)

Or mail the Standard Form 95 to the following contacts:

Richard Feldman  
Claims Officer  
U.S. EPA Office of General Counsel  
1200 Pennsylvania Avenue, NW (MC 2399A)  
Washington, D.C. 20460

Michael Nelson  
U.S. EPA Region 8 Office of Regional Counsel  
1595 Wynkoop Street (MC 8RC)  
Denver, CO 80202